

Mohammad J Bereyhi

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

361
citations

1477746

6
h-index

1719596

7
g-index

10
all docs

10
docs citations

10
times ranked

429
citing authors

#	ARTICLE	IF	CITATIONS
1	Strained crystalline nanomechanical resonators with quality factors above 10 billion. Nature Physics, 2022, 18, 436-441.	6.5	31
2	Perimeter Modes of Nanomechanical Resonators Exhibit Quality Factors Exceeding 10^9 at Room Temperature. Physical Review X, 2022, 12, .	2.8	16
3	Hierarchical tensile structures with ultralow mechanical dissipation. Nature Communications, 2022, 13, .	5.8	21
4	A High Cooperativity Silicon Nitride Optomechanical Transducer. , 2021, , .		0
5	Nanofabrication meets open science. Nature Nanotechnology, 2021, 16, 850-852.	15.6	2
6	A high-cooperativity, nano-optomechanical system comprised of high stress Si ₃ N ₄ . , 2021, , .		0
7	Generalized dissipation dilution in strained mechanical resonators. Physical Review B, 2019, 99, .	1.1	47
8	Clamp-Tapering Increases the Quality Factor of Stressed Nanobeams. Nano Letters, 2019, 19, 2329-2333.	4.5	25
9	Elastic strain engineering for ultralow mechanical dissipation. Science, 2018, 360, 764-768.	6.0	219
10	Elastic Strain Engineering for Ultralow Mechanical Dissipation. , 2018, , .		0